

## AGRILINK FOODS - MIDWEST

### DESIRABLE VARIETAL CHARACTERISTICS CARROTS

#### Emergence/Seeding Stages

1. Vigorous, uniform emergence with good resistance/tolerance to freezing and seedling diseases.

#### Top Habit

1. Moderate height at maturity (ex. not tall tops like Fullback, R.C. Chantanay) with an adequate number of fern leaves.
2. Good strong top attachment on a slight convex shaped crown preferably or a flat crown with round shoulders. No crown exposure above the soil surface line. (Minimal to no green shoulder)
3. Good resistance to foliar disease - Alternaria and Cercospora, etc. and good tolerance/resistance to Aster Yellows.

Standards: Aster Yellow - as good or better than Gold King  
Foliar Blight - as good or better than Carson, Calgary

Note: Agrilink Foods encourages seed providers to have varieties evaluated in the University of Wisconsin's trials to evaluate Foliar Blight and Aster Yellow resistance

#### Root Characteristics

1. Diameter Size:	<u>Dicer</u>	<u>Slicer</u>
Range	1 1/2 - 5"	3/4 - 1 1/2*
Optimum	3 - 4"	7/8 - 1 1/4
Max.	5"	1 1/2", oversize are graded out into dicer lines (some 1 1/2 to 1 7/8" frozen for special requests)

70% plus should be over 2", but a high % should be between 3 - 4"

\*Mini carrots can be as small as 3/8", optimum 3/4 - 7/8"

2. Length:	<u>Dicer</u>	<u>Slicer</u>
Range	3 - 12+	3 - 12+
Optimum	8 - 10	8 - 10

3. Shape:	<u>Dicer</u>	<u>Slicer</u>
	Blocky, blunt tip (Like an "orange log")	Cylindrical, blunt tip (e.g. good cyl. shape - Nandrin)